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EXHIBIT A. - VERSION WITH MARKINGS TO SHOW CHANGES MADE

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In the Claims:

1. (Twice amended) An isolated 125P5C8[-related] protein comprising the sequence of SEQ ID NO: 2.
2. (Amended) The 125P5C8[-related] protein of claim 1, wherein the 125P5C8-related protein has at least 6 contiguous amino acids of an amino acid sequence shown in SEQ ID NO: 2.
3. (Amended) The 125P5C8[-related] protein of claim 1, wherein 125P5C8-related protein has at least [7, 8, 9, 10, 11, 12, 13, 14,] 15[, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, or more than 25] contiguous amino acids of an amino acid sequence shown in SEQ ID NO: 2.
4. (Amended) The 125P5C8[-related] protein of claim 1, wherein the 125P5C8[-related] protein is at least 30[, 35, 40, 45, 50, 55, 60, 65, 70, 80, 85, 90, 95, 100 or more than 100] contiguous amino acids of an amino acid sequence shown in SEQ ID NO: 2.
7. (Amended) An 125P5C8[-related] protein of claim 1 that further comprises at least one conservative substitution.
8. (Twice amended) An 125P5C8[-related] protein of claim 1 that comprises an epitope that induces a specific antibody response.
14. (Twice amended) An isolated 125P5C8[-related] protein of claim 1 that has an amino acid sequence which is exactly that of an amino acid sequence encoded by a polynucleotide selected from the group consisting of:
 - (a) a polynucleotide consisting of the sequence as shown in SEQ ID NO: 1, [wherein T can also be U;]

(b) a polynucleotide consisting of the sequence as shown in SEQ ID NO: 1, from nucleotide residue number 82 through nucleotide residue number 696, [wherein T can also be U;]

(c) a polynucleotide that encodes a 125P5C8[-related] protein whose sequence is encoded by the cDNAs contained in the plasmids designated *Escherichia coli* DH5A 125P5C8PRO deposited with American Type Culture Collection as Accession No. PTA-3137;

(d) a polynucleotide that is fully complementary to a polynucleotide of any one of (a)-(c); and,

(e) a polynucleotide that selectively hybridizes under stringent conditions to a polynucleotide of (a)-(c).

23. (Amended) A 125P5C8-related protein produced by [the] a process [of claim 22] comprising culturing a host cell that contains an expression vector comprising an 125P5C8 nucleotide, where T can be U, that comprises:

(a) a polynucleotide having the sequence as shown in Figure 2 (SEQ ID NO: 1), from nucleotide residue number 1 through nucleotide residue number 2103; or,

(b) a polynucleotide having the sequence as shown in Figure 2 (SEQ ID NO: 1), from nucleotide residue number 1 through nucleotide residue number 2100; or,

(c) a polynucleotide having the sequence as shown in Figure 2 (SEQ ID NO: 1), from nucleotide residue number 1 through nucleotide residue number 2097; or

(d) a polynucleotide of at least 10 bases of Figure 2 (SEQ ID NO: 1) that comprises the base at position 339;

(e) a polynucleotide of at least 10 bases of Figure 2 (SEQ ID NO: 1) that comprises the base at position 1119;

(f) a polynucleotide of at least 10 bases of Figure 2 (SEQ ID NO: 1) that comprises the base at position 2065;

(g) a polynucleotide that selectively hybridizes under stringent conditions to a polynucleotide of (a)-(f);

wherein a range is understood to specifically disclose all whole unit positions thereof.